



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/659,782A

DATE: 09/01/2004

TIME: 16:56:55

Input Set : A:\28238 sequence listing.txt
 Output Set: N:\CRF4\09012004\J659782A.raw

3 <110> APPLICANT: Mintz, Liat
 5 <120> TITLE OF INVENTION: Compositions, Reagents and Kits for and Methods of
 Diagnosing,

6 Monitoring and Treating Obesity and/or Diabetes

8 <130> FILE REFERENCE: 28238

10 <140> CURRENT APPLICATION NUMBER: 10/659,782A

11 <141> CURRENT FILING DATE: 2003-09-11

13 <160> NUMBER OF SEQ ID NOS: 42

15 <170> SOFTWARE: PatentIn version 3.2

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 4517

19 <212> TYPE: DNA

20 <213> ORGANISM: Homo sapiens

22 <400> SEQUENCE: 1

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33 gaggctttcc gggaatccaa ggcaggaaaag gagaacctgg agaagggtgcc tatgtataacc	360
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37 ttaccaagat cttctacaat cagaaaacc actatgtgg ctccacttgtt aaattccact	480
39 gcaacattcc tgggctgtac tactttgcct accacatcac agtctatatg aaggatgtga	540
41 aggtcagcct cttcaagaag gacaaggcta tgctttcac ctatgttag taccaggaaa	600
43 ataatgtgga ccaggcctcc ggctctgtgc tcctgcatct ggaggtggc gaccaagtct	660
45 ggctccaggt gtatggggaa ggagagcgtt atggactcta tgctgataat gacaatgact	720
47 ccacccatcac aggctttctt ctctaccatg acaccaactg atcaccacta actcagagcc	780
49 tcctccaggc caaacagccc caaaagtcaat taaaggcttt cagtacgggtt aggaagttga	840
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57 gtctctctgt atgctcatat caatcctata aggcacaggg aacaaggcatt ctccctgtttt	1080
59 tacagattgt atcctgaggc tgagagagtt aagtgaatgt ctaaggtcac acagattaa	1140
61 gtgacagtgc tagaaatcaa acccagagct gtggacatttg ttcactagac tgtgcccttt	1200
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71 ctccatctt aagtgcgtt ctcattccctgt ttcctcaagg ccacccggcc aggagcttct	1500
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p.b

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87	atcccttgc	aatgcctca	tgaagaccaa	tctttgaat	cccata	tctaa	1980
89	cccagaatta	actccattcc	agtctctgc	tgtaatc	tttatccaca	gaaacat	2040
91	catttttagg	aatccctgg	ttaagtatca	atccttgc	agctggacaa	tatgaatctt	2100
93	ttccactgaa	gttagggatg	actgtgattt	tcagaacacg	tcc	cagaattt	2160
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99	acagggtgag	gtagttgatg	gtggtaaaca	ttctctc	agg	agacaataac	2340
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121	tgcataatag	aaattaccag	agttgttctg	tcttagata	aggtttgaac	caaagctca	3000
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139	gacatagctg	gaaaattc	attgat	ttt	tctaaa	attt	caacaag
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143	ttaccctaaa	ctctctgg	cagg	ttt	cctt	gtt	gat
145	caactgaggc	ccaacagagg	cctgag	agact	gagg	att	atgt
147	ctgtgtgt	ttgaagtaca	attgtgg	att	tgt	ttt	gtc
149	tgcttcat	at	tttagc	tct	attt	ttt	atgt
151	tgg	tcatt	cattat	gatata	tgtt	ttt	tat
153	gttctga	actt	ttgt	aa	tat	ttt	ctgt
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161	cagc	ccca	atgt	actac	agg	catg	cc
163	ttt	cgt	gac	gggg	ttt	ttt	ttt
165	atccaccc	cct	cc	ttt	ttt	ttt	ttt
167	tcaactt	ttt	gatt	ttt	ttt	ttt	ttt
169	atatctat	tatt	ttt	aaaatgt	ttt	ttt	ttt
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 227 ggtggcgcac caagtctggc tccaggtgta tggggaaagga gagcgtaatg gactctatgc 660
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 235 <213> ORGANISM: Homo sapiens
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 252 ttaccaagat cttctacaat cagcaaaaacc actatgatgg ctccactggt aaattccact 480
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 367 caaggaaact tgtgcagggtt g gatggcagg catcccagg a catcctggcc acaatggcac 240
 369 accaggccgt gatggcagag atggcactcc tggagagaag ggagagaaaag gagatgcagg 300
 371 tcttcttgc cctaagggtg agacaggaga t gtttgcattg acaggagctg aagggccacg 360
 373 gggcttcccc ggaacccctg g caggaaaagg agagcctgga gaagcccgct cactgttccc 420
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 383 gtgggagacc aagtctggct ccaggtgtat gggatgggg accacaatgg actctatgca 720
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 387 caactaccca tagccatac accaggagaa tcatggaaca gtcgacacac tttcagctta 840
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 438 tatgggggc tcaacaatatt cgcatgactg tctggaaatg gaccatgcta ttttctgc 900
 440 cactgtacac aaatattgtt cacataaaacc ctataatgt aatatgaaa acagtgatta 960
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; N Pos. 626
Seq#:34; Xaa Pos. 163

VERIFICATION SUMMARY

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L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:600
L:1711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:160